

2-87215-3 ✓ ACTIVE

AMPMODU | AMPMODU Headers

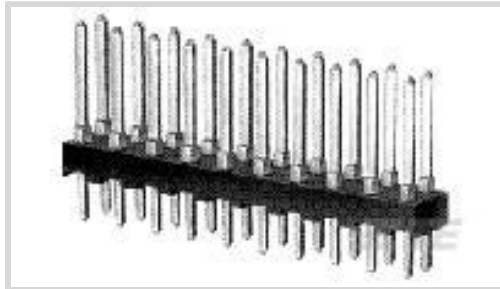
TE Internal #: 2-87215-3

PCB Mount Header, Vertical, Board-to-Board, 46 Position, 2.54 mm [.1 in] Centerline, Unshrouded, Gold, Through Hole - Solder, Signal, AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Connector System: **Board-to-Board**

## Features

### Other

EU RoHS Compliance Compliant

EU ELV Compliance Compliant

### Product Type Features

PCB Connector Assembly Type PCB Mount Header

Connector System Board-to-Board

Header Type Unshrouded

Sealable No

Connector & Contact Terminates To Printed Circuit Board

### Configuration Features

Connector Contact Load Condition Fully Loaded

Board-to-Board Configuration Parallel

PCB Mount Orientation Vertical

Number of Positions 46

Number of Rows 2

### Electrical Characteristics

Insulation Resistance 5000 M $\Omega$

Dielectric Withstanding Voltage (Max) 750 Vrms

### Body Features



Primary Product Color	Black
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#### Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Gold Flash
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	3 A

#### Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Solder

#### Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

#### Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]

#### Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.4 mm[.055 in]

#### Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

#### Operation/Application

Circuit Application	Signal
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#### Industry Standards



Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476, CSA LR7189
UL Flammability Rating	UL 94V-0

**Packaging Features**

Packaging Quantity	100
Packaging Method	Carton

**Product Compliance**

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°C

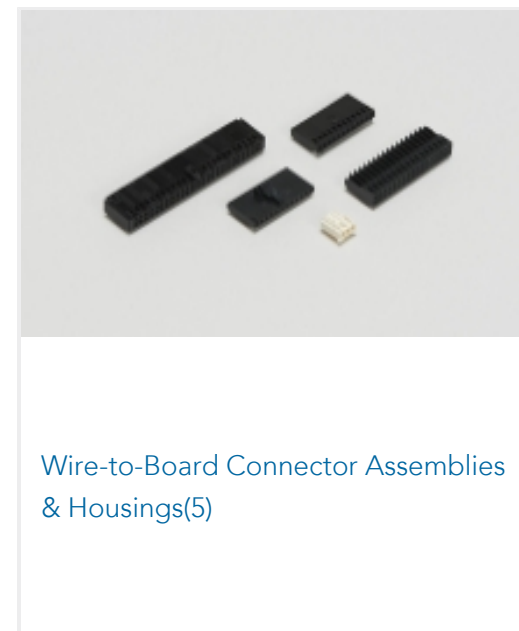
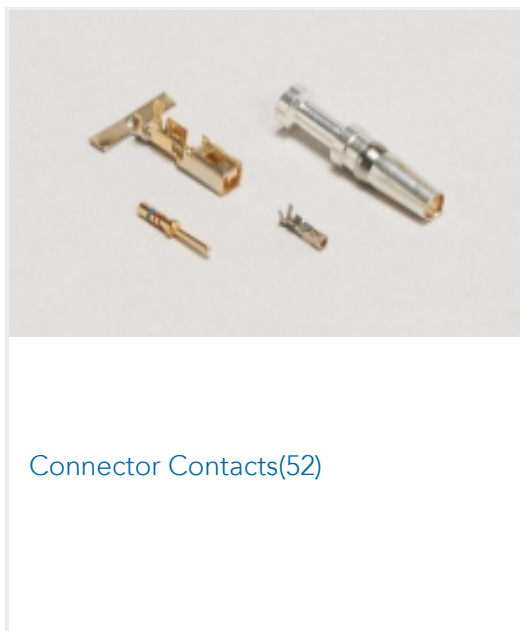
**Product Compliance Disclaimer**

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

**Compatible Parts**



Also in the Series | **AMPMODU Headers**



Customers Also Bought



Documents

**CAD Files**

**3D PDF**

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-87215-3\\_L.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-87215-3\\_L.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-87215-3\\_L.3d\\_stp.zip](#)

English

**3D PDF**

English



**Customer View Model**

[ENG\\_CVM\\_2-87215-3\\_J.2d\\_dxf.zip](#)

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**Customer View Model**

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English

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**Datasheets & Catalog Pages**

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5](#)

English